

PRECISION



LAWN ROBOTICS

THE SOMERSET & DORSET

Mammotion Buyer's Guide

How to choose a robotic mower in three honest steps

Buying a robotic mower is not the same as buying any other garden tool. The wrong machine on your lawn will not just underperform — it will fail to do the job, and you will spend the next year fighting with it. The right machine, on the other hand, gives you back every weekend you used to spend mowing.

This guide is the same advice we give every customer who walks into a survey, written down so you can read it at the kitchen table. It will not sell you anything. It is here to help you choose well — whether you eventually buy from us or not.

All seven Mammotion models are listed in detail on page 3, with a side-by-side comparison. This page tells you how to use that information.

STEP 1 — MEASURE YOUR LAWN PROPERLY

The 5000m² model on a 15000m² lawn is overkill and the 800m² model is not enough for a 2000m² lawn.

- Use our free online tool:

www.precisionlawnrobotics.co.uk/measure-my-lawn

type your postcode, draw round your lawn on the satellite map, get a square-metre figure in 60 seconds.

OR

- Book a free survey with us:

www.precisionlawnrobotics.co.uk/book-a-garden-survey

STEP 2 — LOOK AT YOUR LAWN LAYOUT

Three things that affect which model suits you:

SLOPE:

Mammotion models are separated into All wheel drive models and Rear wheel drive models.

The Yuka Mini 2 models are both rear wheel drive which means they can handle slopes up to 24°.

Whereas all the Luba mini 2 and Luba 3 models are all wheel drive and can handle slopes up to 38.6°. So assess the slopes in your lawn before browsing models.

ZONE MANAGEMENT:

Each model can manage multiple zones if you have front, rear and side lawns. However the total number of zones does vary per model and this is outlined in the table on the last page of this guide.

First calculate the total number of zones you would like the robot to manage. Then assess the paths from lawn to lawn as the models are different widths. All the paths between zones need to be accessible by the robot so they can independently drive in-between them while they are working.

LAYOUT

Multiple lawn areas separated by paths are fine for any model. Multiple areas separated by narrow gates (under 50cm) require the smaller “mini” chassis — the full-size Luba 3 simply won't fit through.

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STEP 3 — SELECT THE RIGHT MODEL

Looking at the seven-model range can be overwhelming. The honest secret is that most lawns fit cleanly into one of four tiers. Pick the tier that matches your situation, and the specific model becomes obvious.

UP TO 800M²

The Yuka Mini 2 800 is the perfect model for small, relatively flat lawns. To navigate it uses triple camera AI vision to locate lawn edges and obstacles with ease. This model has the handy DropMow Mode where it can complete quick one time tasks.

UP TO 1000M²

There are two models capable of maintaining a lawn up to 1000m² and these are the Yuka Mini 2 1000 and Luba Mini 2 1000. The navigation system differs between these models as the Yuka Mini 2 1000 uses LiDAR whereas the Luba Mini 2 1000 uses a combination of AI Vision and NetRTK. The Luba Mini 2 1000 can handle steeper slopes when compared to the Yuka Mini 2 1000 as well.

UP TO 1500M²

For lawns up to 1500m² there are two options to choose from. These are the Luba mini 2 1500 and the Luba 3 1500 which are both all wheel drive machines but navigate in slightly different ways and are different sizes. The Luba Mini 2 1500 navigates using LiDAR and has one cutting disc. Whereas the Luba 3 1500 uses a combination of AI Vision and LiDAR to navigate around your lawn and has two cutting discs on the underside.

BETWEEN 3000M² AND 5000M²

For the larger lawns the Luba 3 has two models that can handle up to 3000m² or 5000m². These use the unique Tri-Fusion form of navigation which combines AI Vision, LiDAR and NetRTK to maintain your lawn and provide an excellent finish. They are both all wheel drive models so can easily tackle slopes up to 38.6°.

WHY BUY FROM US

We provide support before, during and after your purchase, meaning you will never be left in the dark. Excellent customer service is at the heart of our business and we want every customer to be satisfied with their product. We handle any warranty work in the UK and by trained professionals. We offer telephone support for general advice and to answer more technical questions. At Precision Lawn Robotics, we offer a full installation of your new robot and comprehensive walkthrough of how to correctly use the Mammotion App.

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07386 365286 · www.precisionlawnrobotics.co.uk · info@precisionlawnrobotics.co.uk

MAMMOTION RANGE — AT A GLANCE

Seven models, one right answer for your lawn.



Model	Yuka mini 2 800	Yuka mini 2 1000	Luba mini 2 1000	Luba mini 2 1500	Luba 3 1500	Luba 3 3000	Luba 3 5000
Navigation	Vision Only	LiDAR	Vision & NetRTK	LiDAR	Vision & LiDAR	LiDAR, Vision & NetRTK	LiDAR, Vision & NetRTK
Lawn size	Up to 800 m ²	Up to 1,000 m ²	Up to 1,000 m ²	Up to 1,500 m ²	Up to 1,500 m ²	Up to 3,000 m ²	Up to 5,000 m ²
All-wheel drive	No	No	Yes	Yes	Yes	Yes	Yes
Slopes handled	24°	24°	38.6°	38.6°	38.6°	38.6°	38.6°
Zone Management	10	10	10	20	15	30	50
Runtime per charge	120 mins	125 min	150 min	150 min	135 min	175 min	215 min

HOW TO READ THIS

Find your lawn size in row 2. Check whether you need AWD (banks, terraces) and which zone management suits your garden.

The right model is usually obvious within thirty seconds.

Still not sure? Take the 60-second lawn check or book a free in-person survey at our website.

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